AMENDMENT TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1-6. (Canceled)

7. (Previous presented) A full-length infectious and genetically stable cDNA clone of Japanese encephalitis virus (JEV), wherein a full-length cDNA of JEV is cloned into a bacterial artificial chromosome (BAC) and an infectious RNA transcript of JEV is transcribed directly from the cDNA clone.

8. (Previously presented) The cDNA clone as set forth in claim 7, wherein the cDNA clone contains a promoter at the beginning of 5' end of a DNA sequence corresponding to a JEV genomic RNA and a restriction endonuclease recognition sequence at the end of 3' end of the DNA sequence as a runoff site.

9. (Previously presented) The cDNA clone as set forth in claim 8, wherein the promoter is SP6 or T7.

10. (Previously presented) The cDNA clone as set forth in claim 8, wherein the restriction endonuclease recognition sequence does not exist in the JEV genomic RNA.

11. (Previously presented) The cDNA clone as set forth in claim 8, wherein the restriction endonuclease recognition sequence is *XHo* I or *Xba* I.

12. (Previously amended) The cDNA clone as set forth in claim 8, wherein the cDNA clone has a sequence represented by SEQ. ID. No 45, having SP6 promotor or SEQ. ID. No 48[,] having T7 promoter.

13-14. (Canceled)

15. (Previously presented) The cDNA clone as set forth in claim 7, wherein the cDNA clone is pBAC^{SP6}/JVFLxl*Xba*I containing the JEV cDNA represented by SEQ. ID. No 45 or pBAC^{T7}/JVFLxl*Xba*I containing the JEV cDNA represented by SEQ. ID. No 48.

16. (Previously presented) The cDNA clone as set forth in claim 15, wherein the vector is pBAC^{T7}/JVFLxl*Xba*I having T7 promoter and deposited under Accession No : KCTC 10346BP.

17. (Previously presented) The cDNA clone as set forth in claim 15, wherein the cDNA clone is pBAC^{SP6}/JVFLxl*Xba*l having SP6 promoter and deposited under Accession No : KCTC 10347BP.

18 - 21. (Cancelled)

22. (Withdrawn) A synthetic JEV obtained by cultivation of the cell of claim 21.

23. (Withdrawn) A synthetic JEV as set forth in claim 22, wherein a mutation is introduced in the JEV cDNA.

24. (Withdrawn) A method for the expression of heterologous genes using the cDNA clone of claim 8 comprising the following steps:

1) preparing a recombinant JEV cDNA expression vector by inserting heterologous genes into the cDNA clone of claim 8;

2) producing a JEV RNA transcript from the above recombinant JEV cDNA expression vector;

3) preparing a cell transfected with the above JEV RNA transcript; and

4) expressing foreign proteins by culturing the above cell.

25. (Withdrawn) The method as set forth in claim 24, wherein the foreign genes are inserted at the beginning of the JEV 3'NTR of the JEV cDNA.

26 – 28. (Canceled)

29. (Previously presented) The cDNA clone as set forth in claim 8, wherein the JEV genomic RNA consists of a 5' nontranslated region (NTR), a single polypeptide coding region, and a 3' NTR.

30. (Previously presented) A full-length infectious and genetically stable cDNA clone of Japanese encephalitis virus (JEV), comprising:

SEQ. ID. No 45 having SP6 promoter,

wherein the cDNA clone contains a promoter at the beginning of 5' end of a DNA sequence corresponding to a JEV genomic RNA and a restriction endonuclease recognition sequence at the end of 3' end of the DNA sequence as a runoff site.

31. (Previously presented) A vector, comprising:

a full-length infectious and genetically stable cDNA clone of Japanese encephalitis virus (JEV),

wherein the vector is pBAC^{SP6}/JVFLx/*Xba*I.

32. (Previously presented) The vector according to claim 31, wherein the vector is pBAC^{SP6}/JVFLxl*Xba*l having SP6 promoter and deposited under Accession No: KCTC 10347BP.

33. (Previously presented) The vector according to claim 31, wherein the JEV comprises SEQ. ID. No 45.

34. (Previously presented) A full-length infectious and genetically stable cDNA clone of Japanese encephalitis virus (JEV), comprising:

SEQ. ID. No 48 having T7 promoter,

wherein the cDNA clone contains a promoter at the beginning of 5' end of a DNA sequence corresponding to a JEV genomic RNA and a restriction endonuclease recognition sequence at the end of 3' end of the DNA sequence as a runoff site.

35. (Previously presented) A vector, comprising:

a full-length infectious and genetically stable cDNA clone of Japanese encephalitis virus (JEV),

wherein the vector is pBAC^{T7}/JVFLx/*Xba*I.

36. (Currently presented) The vector according to claim 35, wherein the vector is pBAC^{T7}/JVFLx/*Xba*I having T7 promoter and deposited under Accession No: KCTC 10346BP.

37. (Previously presented) The vector according to claim 35, wherein the JEV comprises SEQ. ID. No 48.

38. (Canceled)